AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A mold for a golf ball comprising upper and lower portions having a large number of projections for dimple formation on cavity surfaces thereof,

wherein parts of the projections cross an equator,

each of the upper and lower portions has a plurality of horizontal planes and a plurality of inclined surfaces on a parting surface,

a total value $\Sigma\phi$ of circumferential central angles ϕ of the horizontal planes is 30 degrees to ~~330~~ 252 degrees, and

an inclination angle α of the inclined surface to a horizontal direction is 10 degrees to 60 degrees.

2. (Original) The mold according to claim 1, wherein each of the circumferential central angles ϕ of the horizontal planes is 55 degrees or less.

3. (Original) The mold according to claim 1, wherein a central angle θ between the horizontal plane and the equator is 1 degree to 8 degrees.

4. (Original) The mold according to claim 1, wherein a boundary corner portion between the horizontal plane and the inclined surface is subjected to rounding.

5. (Currently Amended) A method of manufacturing a golf ball, comprising the steps of:

putting a material in a mold which includes upper and lower portions having a large number of projections on cavity surfaces thereof, each of the upper and lower portions having a plurality of horizontal planes and a plurality of inclined surfaces on a parting surface thereof, a sum $\Sigma\phi$ of circumferential central angles ϕ of the horizontal planes being 30 degrees to ~~330~~ 252 degrees, and an inclination angle α of the inclined surface to a horizontal direction being 10 degrees to 60 degrees;

forming a dimple having a shape obtained by inverting a shape of the projection through the projection; and

grinding and removing a spew formed by a material leaking out at the parting surface.

6. (New) The mold according to claim 1, wherein the total value $\Sigma\phi$ is 30 degrees to 194.2 degrees.